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West Lancashire Rural District Council.



Annual Report

FOR THE YEAR 1921.



MEDICAL OFFICER OF HEALTH :

GEORGE EDWARD SCHOLEFIELD, M.B.E.,

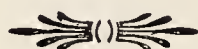
M.D., EDIN., D.P.H., VICT.,

Hon. Assoc. Order of St. John of Jerusalem in England.

West Lancashire Rural District Council, 1921.

Chairman HENRY UNDERWOOD.

Vice-Chairman . . . JOHN PIMBLEY.



Altcar REV. JOSEPH LLEWELLYN.

Aughton HENRY UNDERWOOD.

„ RICHARD ROTHWELL.

Bickerstaffe RICHARD RIMMER.

„ THOMAS HEYES.

Bispham THOMAS ASPINWALL.

Downholland. JOB SUMNER.

Halsall. JOHN HARRISON.

Hesketh WILLIAM IDDON.

Lydiate PETER LOVELADY.

Maghull JOHN PIMBLEY.

Melling RICHARD SUMNER.

North Meols WILLIAM CAUNCE.

Rufford JAMES CAUNCE.

Scarisbrick JAMES SUTTON.

„ PETER RIMMER.

Simonswood WILLIAM LEDSON.

Tarleton ROBERT LATHAM.

Annual Report for 1921.

*To the Chairman and Members of the West Lancashire
Rural District Council.*

GENTLEMEN,

I have much pleasure in presenting for your consideration my Twenty-fourth Annual Report, dealing with the Vital Statistics, the Public Health, and the Sanitary work of the District during the year 1921.

POPULATION.—The Registrar General informs me that this was 21,390, being 1,358 higher than the figures for 1920.

BIRTH RATE.—The number of BIRTHS registered as belonging to the District was 391, being a decrease of 42 from the number in 1920. 206 were boys and 185 girls. This gives an ANNUAL BIRTH RATE of 18·2 per 1000 of the population, which is 3·4 less than that for 1920, and 1·0 less than the average of the 10 preceding years. Twenty-one Births were illegitimate, being 5·3 per cent. of the total number.

DEATH RATE.—215 DEATHS were registered, and after deducting those of persons who were non-residents, and adding those of residents which occurred outside the District, the net total was 224, of which number 101 were males and 123 females. This gives an ANNUAL DEATH RATE of 10·4 per 1000 of the population, which is ·5 below that for 1920, and 2·6 below the average of the 10 preceding years.

EPIDEMIC DEATH RATE.—There were 3 deaths due to the principal Epidemic Diseases, 1 to Scarlet Fever and 2 to Whooping Cough. This gives an EPIDEMIC DEATH RATE of ·18 per 1000, that for 1920 being ·79 per 1000, and for the 10 preceding years 0·68.

INFANTILE MORTALITY RATE.—There were 26 Deaths of children under the age of one year, which gives an ANNUAL INFANTILE MORTALITY RATE of 66 per 1000 Births, which is 16 above that for 1920 and 15 below the average of the 10 preceding years. One of these deaths was that of an illegitimate child, which is 3·8 per cent. of the total infantile deaths.

Commenting on the Deaths due to some of the other diseases, 13 were due to Pulmonary Tuberculosis with a rate of ·6 which is below the rates for 1920 and the average of the preceding 10 years; the rate for Respiratory Diseases was 1·63 against 1·39 for 1920; Heart Diseases ·88 against 1·04; there were 4 deaths due to Diarrhœa with a rate of ·15, while there were none the previous year. Cancer had 18 deaths, while there were 23 in 1920.

The following table compares the foregoing rates with those for England and Wales.

DEATHS AND OTHER RATES FOR ENGLAND AND WALES
AND THE WEST LANCASHIRE RURAL DISTRICT.

	Birth-rate per 1000 living.	Death-rate per 1000 living.	Epidemic Death-rate per 1000 living.	Infant Mortality per 1000 births.
England and Wales ...	22·4	12·1		83
West Lancashire Rural District	18·2	10·4	·18	66

The figures under Epidemic Death-Rate do not include deaths due to Diarrhœa.

INFECTIOUS DISEASES.

Including the Infectious Diseases which are notifiable under the Infectious Diseases Notification Act, and those which are not notifiable, 182 cases in 158 different houses came to my knowlege during the year. This is a decrease of 424 cases and 341 houses as compared with the previous year. This fall in number is chiefly accounted for by there being 416 fewer cases of Measles and 21 of Diphtheria. On the other hand there were 43 more cases of Scarlet Fever. In addition to the cases notified by Medical Practitioners, Parents reported 1 case of Measles, School Attendance Officers 23 of Whooping Cough, and inquiry brought to light 4 of Scarlet Fever and 1 of Whooping Cough. The Table at the end gives the number of cases, houses infected, and deaths in each of the several Townships.

SCARLET FEVER.

Houses Infected, 53. Cases 71. Death 1.

There were 43 more cases of this disease than in the previous year. The distribution of the cases was over a wide area, 12 of the 15 Townships being affected. The majority of the cases were of a mild type, some of them were only discovered after a second had occurred in the house, one such case in Halsall infecting 3 others in the same house, and 1 in another house, another in Lydiate infected 1 case in the same house and 2 others in another house close by. The 3 cases in Tarleton were in the same house, and here again the first case was desquamating when the other two commenced. The cases were spread fairly evenly throughout the year, the longest period of immunity being from August 20th to September 29th.

DIPHTHERIA.

Houses Infected, 27. Cases, 30.

There were 21 fewer cases of Diphtheria than in the previous year, and 18 fewer houses infected; moreover the cases were of a milder type, there being no deaths. Two thirds of the cases were notified in the first four months of the year, after which on the advent of the warm dry weather they became fewer. Aughton was the Township which again suffered most, and 10 of the 17 cases were notified in the first four months, being a continuation apparently of the epidemic which occurred in the neighbourhood the previous year.

ENTERIC FEVER.

There were two cases of this disease about which there were no special features and both recovered.

MEASLES.

Houses Infected, 6. Cases, 8.

There was a marked difference in the number of cases in comparison with 1920, there being 416 fewer cases and no deaths. No other remark is called for.

WHOOPIING COUGH.

Seven fewer cases of this disease came to my knowledge than in the previous year. Twenty-three of them were in Tarleton and the Infant Department of Holy Trinity Schools was closed from January 13th until February 7th on account of the illness.

ERYSIPELAS.

Three cases of this disease were notified. There were no deaths.

TUBERCULOSIS.

Houses Infected, 23. Cases 24. Deaths 14.

Fourteen of these cases were Pulmonary, 5 males and 9 females, and 10 were Non-pulmonary, 6 males and 4 females. There were 11 deaths, 4 males and 7 females, due to Pulmonary Tuberculosis, and 3, all males, to Non-Pulmonary Tuberculosis.

OPHTHALMIA NEONATORUM.

One case of this affection was notified. The recovery was complete there being no impairment of vision.

ENCEPHALITIS LETHARGICA.

Five cases of this disease were notified, 1 in Aughton, 1 in Hesketh, 1 in North Meols, and 2 in Tarleton. There was no connection between any of the cases, nor could any connection be traced between any one of them and any outside case. There was 1 death.

PNEUMONIA.

There were 15 cases notified, and 6 deaths were registered. This was a decrease of 16 cases and 6 deaths, the case mortality being approximately the same.

ISOLATION HOSPITAL.

On the 1st of January, 1921, there were 6 patients in the Hospital, and since that date there have been admitted 72 cases of Scarlet Fever, 27 of Diphtheria and 5 of Enteric Fever.

The cases of Scarlet Fever were admitted from the following Townships;—Altcar 1, Aughton 7, Bickerstaffe 3, Downholland 8, Halsall 16, Hesketh 1, Lydiate 8, Maghull 4, Melling 2, Scarisbrick 14, Simonswood 1, Tarleton 3. Diphtheria :—Aughton 16, Bickerstaffe 1, Downholland 1, Halsall 1, Hesketh 1, Maghull 2, Melling 1, Scarisbrick 4. Enteric Fever :—Hesketh 1. In addition 4 cases of Scarlet Fever were admitted from Croston and 4 cases of Enteric Fever from Skelmersdale.

Seventy cases of Scarlet Fever, 30 of Diphtheria and 3 of Enteric Fever were discharged, and there were 2 deaths, 1 due to Scarlet Fever, and 1 to Enteric Fever.

The average stay in hospital of the Scarlet Fever patients was 6 weeks and 6 days, of the Diphtheria patients 4 weeks and 3 days, and of the Enteric Fever 5 weeks and 1 day. Of the deaths the Scarlet Fever case was in hospital 16 days and the Enteric Fever case 2 days.

The average number of patients in hospital per week was 12·7, the highest in any one week being 23 and the lowest 3.

The outside work in connection with the Infectious Diseases was as follows :—93 journeys with the Ambulance, 138 with the Bedding Van. 346 rooms in 116 houses were disinfected, the disinfectant was used 95 times, and 3,726 articles were stoved. There were 37 journeys with the bicycle to spray houses. Included in the above are 10 journeys with the Bedding Van to Skelmersdale, the disinfectant being used 4 times and 83 articles being stoved ; and 4 journeys with the Ambulance and 6 with the Van to Croston ; 7 rooms in 4 houses were sprayed and the disinfectant was used 4 times, 88 articles were stoved.

In the early part of the year the question of providing a Motor Ambulance for the hospital was taken into consideration and eventually in the Autumn one was purchased which has already proved of great value in the shortening of the time it is possible to remove patients to the hospital. It was built by Mannings, of Birkdale.

BACTERIOLOGY.

Fifty-seven swabs from throats were taken and sent away to be examined for Diphtheria Baccilli, 36 were reported upon as being negative, 16 positive, 3 sterile, and 2 unreliable. Two swabs from the noses of cases of Encephalitis

Lethargica and two from the throats were sent away, but the reports were of little value. Two specimens of blood from the same cases were also sent, the reports on them adding confirmation to the diagnosis already arrived at. Two specimens of blood from cases of supposed Typhoid Fever were sent, one was negative to both typhoid and para-typhoid reaction, and the other was faintly positive to typhoid reaction. A sample of pus was sent which contained staphylococci.

SCHOOLS.

There are 23 Elementary Schools in the District. All are supplied with water from public service. The Sanitary arrangements are on the whole satisfactory. Two only are connected with main sewers.

One School only was closed for infectious disease during the year, this was the Infant Department of Holy Trinity, Tarleton, which was closed from January 13th until February 7th, on account of Whooping Cough among the children attending.

SEWERING AND DRAINING.

About three parts of the Township of Aughton and a small portion of the Township of Bickerstaffe drain into public sewers, in the remainder of the District cesspools are mostly provided. Of late years a number of underground septic tanks have been put in and so far they have been acting satisfactorily.

DISPOSAL OF EXCREMENT.

In Aughton, where there is a system of sewers, excrement is largely disposed of by water carriage. In the case of many of the large houses in other parts of the District water carriage is also used, but with the exception of a few houses in Tarleton, where the connection is with a tidal river, the excrement is carried to cesspools, or to the underground septic tanks previously mentioned.

There are approximately in the whole District 3265 privy middens, 732 water closets, 445 pail closets, and 30 waste water closets. During the year 16 privies were converted to water closets and 5 to pail closets.

SCAVENGING.

In Aughton and North Meols this is done by contract, in other parts of the District householders have to make their own arrangements with neighbouring farmers.

FOODS AND DRUGS ACTS.

These Acts are administered by the County Police, and I am indebted to Superintendent Crapper, of Ormskirk, for the information that in that part of the District which is within the West Derby Hundred 6 samples were taken under the above Acts, but that no prosecutions were instituted. Superintendent Marshall, of Chorley, informs me that no samples were taken in the Townships which are within the Leyland Hundred.

DAIRIES, COWSHEADS AND MILKSHOPS.

During the year 4 new ones were registered, 4 were done away with, and 1 was transferred, making the total 46 the same as the previous year. 101 inspections were made. 11 required limewashing, which was done without the service of formal notice.

SLAUGHTER HOUSES.

The number is the same as last year, 6, and have been in a satisfactory condition when visited. No unsound meat has been found although many carcasses have been examined, especially 12 in Maghull. No evidence of Tuberculosis was discovered.

BAKEHOUSES.

These have been found in a satisfactory condition when visited.

WATER SUPPLY.

The District is, on the whole, well supplied with water of good quality and satisfactory in quantity, with the exception that at times the pressure in the Townships of Hesketh and Tarleton is not so good as is desirable. The Table which follows sets out the source from which each Township is supplied and the number of supplies and the percentage of supplies to the number of inhabited houses.

HOUSES SUPPLIED BY PUBLIC SERVICE AT THE END OF 1921.

1921.	Wigan Rural District Council.	Lathom and Burscough Main.	Liverpool Corporation.	Ormskirk Urban District Council.	Preston Rural District Council.	St. Helens Corporation.	Southport Joint Water Board.	TOTALS.	Increase during the year.	Percentage of Inhabited Houses thus supplied.
ALTCAR	63	63	4	64·2
AUGHTON	62	...	...	729	791	5	91·0
BICKERSTAFFE	55	...	...	264	319	4	80·7
BISPHAM	3	...	...	...	...	...	...	3	1	4·7
DOWNHOLLAND	131	131	...	87·3
HALSALL	273	273	1	81·0
HESKETH	266	...	42	308	6	91·4
LYDIATE	151	151	2	64·5
MAGHULL	4	288	292	...	93·0
MELLING	1	...	...	210	...	211	...	96·8
NORTH MEOLS	1	...	390	391	...	94·9
RUFFORD	181	...	...	...	...	...	181	2	92·3
SCARISBRICK	6	...	...	...	...	432	438	1	82·6
SIMONSWOOD	50	1	51	1	75·0
TARLETON	489	...	...	489	8	96·2
TOTALS FOR DISTRICT }	3	187	1	117	756	264	2764	4092	35	88·0

PUBLIC HEALTH STAFF.

The Public Health Staff consists of a Medical Officer of Health (whole time) and two whole time Sanitary Inspectors, one half of whose salaries is repaid by the County Council. There is also a temporary Assistant Medical Officer of Health who receives no salary. The Medical Officer of Health is also Temporary Medical Officer of Health (since 1916) to the Urban District of Ormskirk.

The work done by the Inspectors is summarised in a Table appended, from which it will be seen that they dealt with 294 nuisances, 267 being abated, and 484 inspections were made. In 67 cases informal notices were served, 58 being complied with, and 3 required statutory notices, 2 being complied with at the end of the year.

A summary of the work done in each Township by the Inspectors is also appended.

On February 5th, 1891, the Infectious Diseases Prevention Act, 1890, and the Public Health Acts Amendment Act, 1890, were adopted, and by an Order in Council dated September 14th, 1909, the clauses applicable to Rural Districts of the Public Health Acts Amendment Act of 1907 were adopted.

FACTORIES AND WORKSHOPS ACT, 1901.

Twelve new workshops were registered during the year, 3 were closed and 3 were transferred, making a total of 131. 276 inspections were made. In 5 cases there was want of cleanliness which was remedied on request without notice.

They are as follows :—Bakers 7, Basketmakers 17, Blacksmiths 27, Boatbuilder 1, Dressmakers 11, Joiners 4, Laundry 1, Motor Engineers 4, Saddlers 2, Shoemakers and Cloggers 23, Tailors 7, Tinsmiths 2, Wheelwrights 25.

SUMMARY OF HOSPITAL ACCOMMODATION
AVAILABLE FOR THE DISTRICT NURSING, &c.

The Council has provided an Isolation Hospital for Infectious Diseases, and for Small-pox there is an arrangement with the Liverpool Health Committee to take cases if there is accommodation, and failing this, the Council has a tent

Hospital, which can be quickly erected, that will take 8 patients. There is no General Hospital in the District, but the Ormskirk Cottage Hospital, and those in the adjoining large Towns take cases from the various Townships.

No nurses are provided by the Council. The parts of the Townships of Aughton, Bickerstaffe and Scarisbrick which immediately adjoin Ormskirk have the services of the Ormskirk District Association's Nurse, and the other part of the Township of Scarisbrick has the services of a District Nurse provided by the Scarisbrick Nursing Association. The County Council administer the Midwives Acts and have 4 Health Visitors, who work in the West Lancashire District. The County Council have also a Child Welfare Centre in Ormskirk which is also available for the surrounding Townships.

Apart from the Poor Law Institution there is no provision in the District for unmarried mothers, illegitimate infants, or homeless children.

HOUSING.

The number of new houses erected during the year was 42, and of these 19 were workmen's dwellings. No houses were built as part of a housing scheme. The general conditions of housing remain much the same as in 1920, with a little amelioration from the new houses built by private enterprise.

From the summary appended it will be seen that 315 houses were inspected under the Housing Acts of 1909 and 1919, and that 80 of them were not in all respects reasonably fit for habitation. 62 houses, including some that were not completed the previous year, were rendered fit without the service of formal notice, and 21 are in process of being rendered fit.

One representation was made to the Council that a house in Scarisbrick was in such a condition as to be unfit for human habitation; repairs were done to it which made the house fit and it was not closed. 2 houses, 1 in Altcar and 1 in Scarisbrick, were closed by the owners rather than have them repaired.

Appended is the Tabular Statement of the Causes of Death.

Tables of the cases of Infectious Disease.

Report of the Sanitary Inspectors and Tables.

Summary of the Housing Conditions and the work done.

Annual Report on Canal Boats.

The Ministry of Health's Table of General Statistics.

A Table showing the building, &c., operations during the year, kindly supplied by Mr. Rosbotham, the Chief Surveyor.

I am, Gentlemen,

Your obedient servant,

GEO. E. SCHOLEFIELD, M.B.E , M.D., D.P.H.,

Hon. Assoc. Order of St, John of Jerusalem in England.

CAUSES OF DEATH IN THE WEST LANCASHIRE RURAL DISTRICT, 1921.

CIVILIANS ONLY.

Causes of Death.						Males	Females
All Causes	...	...	...	...	...	101	123
Scarlet Fever	...	...	...	...	...	1	0
Whooping Cough	...	...	...	...	...	0	2
Diphtheria	...	...	...	...	...	0	0
Influenza ...	...	...	...	...	...	2	0
Encephalitis Lethargica	...	...	...	...	...	1	0
Meningococcal meningitis	...	...	...	...	...	0	0
Tuberculosis of Respiratory System	...	...	...	...	...	4	9
Other Tuberculous Diseases	...	...	...	...	...	2	0
Cancer, Malignant Disease	...	...	...	...	...	9	9
Rheumatic Fever	...	...	...	...	...	0	0
Diabetes ...	...	...	...	...	...	1	1
Cerebral Hæmorrhage, &c.	...	...	...	...	...	12	16
Heart Disease	...	...	...	...	...	9	10
Arterio-sclerosis ...	...	...	...	...	...	1	1
Bronchitis	...	...	...	...	...	4	9
Pneumonia (all forms)	...	...	...	...	...	1	9
Other Respiratory Diseases	...	...	...	...	...	4	8
Ulcer of Stomach or Duodenum	...	...	...	...	...	0	1
Diarrhœa, &c. (under 2 years)...	...	...	...	...	...	2	2
Appendicitis and Typhitis	...	...	...	...	...	1	2
Cirrhosis of Liver	...	...	...	...	...	1	0
Acute and Chronic Nephritis	...	...	...	...	...	2	4
Congenital Debility and Malformation, Pre- mature Birth	...	...	...	...	...	11	2
Suicide	...	...	...	...	...	2	1
Other Deaths from Violence	...	...	...	...	...	3	3
Other Defined Diseases	...	...	...	...	...	28	32
Causes (ill-defined or unknown)	...	...	...	...	...	0	2
Deaths of Infants under 1 year	...	...	...	...	...	15	11
Illegitimate	...	...	...	...	...	0	1
Total Births	...	...	...	...	...	206	185
Legitimate	...	...	...	...	...	197	173
Illegitimate	...	...	...	...	...	9	12
Population	...	...	...	...	...	...	21,390.

GENERAL STATISTICS.

Area (in Acres)	67,797
Population (1921)	21,390
Number of Inhabited Houses (1921)	4,654
Number of Families of separate occupiers (1921)	4,778
Rateable Value	£230,583
Sum represented by a penny rate	£960

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	Total	Males	Females
Births —Legitimate	370	197	173
Illegitimate... ..	21	9	12
Deaths	224	101	123
Birth Rate (R.G.) ... ..	...	...	18·2
Death Rate (R.G.) ... ..	...	...	10·4
Number of Women dying, or in consequence of, childbirth	0		

Deaths of Infants under 1 year of age per 1000 Births:—

Legitimate 25 ...	Illegitimate 1 ...	Total 26
Deaths from Measles ... ..	...	0
Deaths from Whooping Cough ... ..	...	2
Deaths from Diarrhoea (under 2) ... ..	...	4

TABLE SHOWING ERECTION OF NEW HOUSES, &c.
IN THE DIFFERENT TOWNSHIPS.

Townships.	Houses Completed.	Alterations, Other Building, &c.	New Drains.
Altcar ...	4	—	—
Aughton ...	6	6	3
Bickerstaffe ...	4	—	—
Downholland	—	2	—
Halsall ...	2	1	—
Hesketh ...	9	4	—
Lydiate ...	2	2	—
Maghull ...	1	4	—
Melling ...	—	2	1
North Meols	—	2	—
Rufford ...	4	5	—
Scarisbrick	1	2	1
Simonswood	1	3	—
Tarleton ...	8	4	—
	—	—	—
Total ...	42	37	5
	—	—	—

Nineteen of the above are working class houses.

Table showing the number of Houses in each Township and in the whole District known to be infected during the year, and the numbers of Cases and Deaths

1921.	Pneumonia.			Scarlet Fever.			Diphtheria.			Enteric Fever.			Measles.			Whooping Cough.			Erysipelas.			Puerperal Fever.			Diarrhoea.			Tuberculosis.			TOTALS.		
	H.	C.	D.	H.	C.	D.	H.	C.	D.	H.	C.	D.	H.	C.	D.	H.	C.	D.	H.	C.	D.	H.	C.	D.	H.	C.	D.	H.	C.	D.			
ALTCAR	1	1	1	1	1	1																								2	...		
AUGHTON	3	3	...	7	14	16																								31	33	3	
BICKERSTAFEE.....	1	1	2	4	1	1							1	3															11	13	3		
BISPHAM .....	...	...	...	...	...	...																								1	...	1
DOWNHOLLAND .....	...	...	...	5	1	1																								7	9	1
HALSALL	1	1	...	9	2	2							4	4																22	30	1	
HESKETH .....	...	...	2	2	3	1				1	1																			5	6	1
LYDIATE	1	1	1	5	10	1																								6	11	1	
MAGHULL .....	...	...	...	3	4					1	1																			7	9	1
MELLING	3	3	...	2	1	1																								6	6	1	
NORTH MEOLS	2	3	...	...	...	...				1	1																			9	10	3
RUFFORD .....	...	...	...	...	...	...				...	...																			2	2	1
SCARISBRICK.....	1	2	2	12	13	...				4	4			1																29	22	2	
SIMONSWOOD	1	2	2	1				1	1																			3	3	...	3
TARLETON .....	...	...	1	1	3	...				...	...																			25	31	3
West Lancashire Rural District	13	15	10	53	71	127	30			2	2		6	8		26	31	1	3	3					4	4	4	23	24	15	157	188	21

JANUARY 19th, 1922.

ANNUAL REPORT ON CANAL BOATS FOR 1921.

*To the Chairman and Members of the West Lancashire
Rural District Council.*

GENTLEMEN,

The usual method of Inspection has been adopted during the year.

Eighteen boats were inspected and the condition of them and of their occupants was on the whole satisfactory.

There were 4 cases in which there were no Certificates on board, a case where the boat had not been registered, and another in which the boat required repairing and painting.

Four notices were sent to the several owners and all the matters were attended to without further action.

No cases of Infectious Disease were found on board any of the boats, neither was it necessary to detain any for cleansing and disinfection.

There seems to be a serious attempt to bring the boats into pre-war condition, and a desire that the occupants should be able to live under the best possible conditions

We are, Gentlemen,

Your obedient Servants,

GEO. E. SCHOLEFIELD,
Medical Officer of Health.

T. G. H. HUNTER,
Inspector of Canal Boats.

NOTIFIABLE DISEASES DURING THE YEAR.

AGES	Under 1 Year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65- over	Total	Treated in Hospital	Deaths
Diphtheria	1	1	12	9	3	1	2	1	...	30	27	...
Scarlet Fever.....	1	1	1	3	7	24	13	11	7	2	1	...	71	67	1
Enteric Fever	1	...	1	...	2	1	...
Puerperal Fever
Pneumonia	2	...	1	...	2	2	1	1	2	1	2	...	15	...	...
Encephalitis Lithargica.....	1	1	1	...	2	...	5	...	1
Erysipelas	1	...	2	...	3	...	...
Tuberculosis :—															
Pulmonary—Males	4	1	...	...	5	...	4
Pulmonary—Females	1	...	1	3	1	2	1	9	...	9
Total.....	1	...	1	7	2	2	1	14	...	13
Non-Pulmonary—Males	2	1	3	...	...	...	...	6	...	2
Non-Pulmonary—Females	1	1	1	...	...	...	1	...	4	...	...
Total.....	1	3	2	3	...	...	1	...	10	...	2

One case of Ophthalmia Monotorum was notified, Treated at home, and recovered with vision unimpaired.

REPORT OF THE INSPECTORS OF NUISANCES
FOR THE
WEST LANCASHIRE RURAL DISTRICT COUNCIL.

To Dr. G. E. Scholefield, Medical Officer of Health.

Dear Sir,

We have great pleasure in submitting our Annual Report for the whole district, as to the number of matters dealt with under the various Acts relating to Public Health during the year 1921.

ALTCAR.

Water certificates granted	...	...	...	...	4
Registered workshops	..	...	...	...	2
Registered workshops (new one registered)	...	...	...	...	1
Schools visited	...	...	...	...	1
Total number of inspections	...	...	...	...	11

AUGHTON.

Number of nuisances dealt with	...	...	...	88
Number of notices served	...	...	...	35
Number of notices complied with	...	...	...	29
Number of nuisances abated without notice	...	...	...	17
Number of nuisances abated (total)	...	...	...	72
Water certificates granted	...	...	...	5
Houses supplied with water (Public Health Act, 1875)	...	...	...	5
Drains tested	...	...	...	1
Dairies, Cowsheds, and Milkshops	...	...	...	5
Dairies, Cowsheds, and Milkshops (new registrations)	...	...	...	1
Dairies, Cowsheds, and Milkshops (transferred)	...	...	...	1

Dairies, Cowsheds, and Milkshops (abolished)	...	...	...	...	...	...	1
Dairies, Cowsheds, and Milkshops (limewashing required)	...	...	...	...	...	...	2
Registered slaughter-houses	...	...	...	...	...	...	3
Registered workshops	...	...	...	...	...	...	13
Registered Workshops (abolished)	...	...	...	...	...	...	1
Scavenging—number of receptacles emptied	...	...	...	...	...	...	5484
Schools visited	...	...	...	...	...	...	2
Privies converted to water closets	...	...	...	...	...	...	10
Total number of inspections made	...	...	...	...	...	...	240

BICKERSTAFFE.

Number of nuisances dealt with	...	...	...	...	...	...	7
Number of nuisances abated	...	...	...	...	...	...	7
Number of notices served	...	...	...	...	...	...	0
Number of privies converted to water closets	...	...	...	...	...	...	6
Registered Cowsheds, etc.	...	...	...	...	...	...	1
Limewashing required	...	...	...	...	...	...	1
Registered Workshops	...	...	...	...	...	...	10
Water certificates granted	...	...	...	...	...	...	4
Water samples obtained for analysis	...	...	...	...	...	...	1
Schools visited	...	...	...	...	...	...	1
Total number of inspections	...	...	...	...	...	...	40

BISPHAM.

Number of nuisances dealt with	...	...	...	...	...	...	3
Number of nuisances abated	...	...	...	...	...	...	3
Number of notices served	...	...	...	...	...	...	1
Number of notices complied with	...	...	...	...	...	...	1
Dairies, Cowsheds, and Milkshops	...	...	...	...	...	...	1
Registered Workshops	...	...	...	...	...	...	7
Registered Workshops (new registration)	...	...	...	...	...	...	1
Registered Workshops (abolished)	...	...	...	...	...	...	1
Schools visited	...	...	...	...	...	...	1
Total number of inspections	...	...	...	...	...	...	24

DOWNHOLLAND.

Registered Workshops	...	...	...	...	...	3
Schools visited	...	...	...	...	...	1
Total number of inspections made	...	...	...	...	...	8

HALSALL.

Number of nuisances dealt with	..	...	...	...	22
Number of nuisances abated	...	...	...	...	17
Number of notices served	...	...	...	...	4
Number of notices complied with	...	...	...	...	3
Number of nuisances abated without notice	..	...	...	...	10
Dairies, Cowsheds, and Milkshops	...	...	...	...	9
Dairies, Cowsheds, and Milkshops (new registrations)	...	...	...	...	2
Dairies, Cowsheds, and Milkshops (limewashing required)	...	...	...	...	1
Workshops, registered	...	...	...	...	7
Water certificates granted (P.H.W. Act)	...	...	...	...	1
Schools visited	...	...	...	...	1
Total number of inspections made	...	...	...	...	60

HESKETH-WITH-BECCONSALL.

Number of nuisances dealt with	...	...	...	...	28
Number of nuisances abated	...	...	...	...	26
Number of notices served	..	...	...	...	5
Number of notices complied with	..	...	...	...	5
Number of nuisances abated without notice	...	..	...	...	13
Dairies, Cowsheds, and Milkshops	...	...	...	...	2
Dairies, Cowsheds, and Milkshops (abolished)	...	...	...	...	1
Workshops, registered	...	...	...	...	11
Workshops (new registration)	...	...	...	...	1
Workshops (limewashing required)	...	...	...	...	1
Workshops (transferred)...	...	...	...	...	1
Water certificates granted under Public Health Water Act, 1878	...	...	...	...	6
Privies converted to pails	...	...	...	...	1

Schools visited	...	...	...	...	...	...	1
Total number of inspections made	...	...	...	...	...	...	67

LYDIATE.

Number of nuisances dealt with	...	...	...	...	...	...	2
Number of nuisances abated	...	...	...	...	...	...	2
Number of notices served	...	...	...	...	...	...	1
Number of notices complied with	...	...	...	...	...	...	1
Dairies, Cowsheds, and Milkshops	...	...	...	...	...	...	1
Dairies, Cowsheds, and Milkshops (limewashing required)	...	...	...	...	...	...	1
Water certificates granted	...	...	...	...	...	...	2
Registered Workshops	...	...	...	...	...	...	9
Samples of water obtained for analysis	...	...	...	...	...	...	1
Schools visited	...	...	...	...	...	...	2
Total number of inspections made	...	...	...	...	...	...	37

MAGHULL.

Number of nuisances dealt with	...	...	...	...	...	...	12
Number of nuisances abated	...	...	...	...	...	...	12
Number of notices served	...	...	...	...	...	...	4
Number of notices complied with	...	...	...	...	...	...	4
Number of nuisances dealt with without service of notice	...	...	...	...	...	...	3
Dairies, Cowsheds, & Milkshops	...	...	...	...	...	...	3
Registered Workshops	...	...	...	...	...	...	13
Registered Workshops (new registrations)	...	...	...	...	...	...	3
Registered Slaughter-houses	...	...	...	...	...	...	2
Carcases examined and found in good condition	...	...	...	...	...	...	12
Schools visited	...	...	...	...	...	...	2
Total number of inspections made	...	...	...	...	...	...	80

MELLING.

Number of nuisances dealt with	...	...	...	...	...	...	33
Number of nuisances abated	...	...	...	...	...	...	33
Number of notices served	...	...	...	...	...	...	7

Number of nuisances complied with	...	...	...	7
Nuisances abated without notice	...	...	...	12
Registered Workshops	...	...	...	4
Registered Workshops (new registration)	...	...	...	2
Dairies, Cowsheds, and Milkshops	...	...	...	1
Schools visited	...	...	...	2
Total number of inspections made	...	...	...	78

NORTH MEOLS.

Number of nuisances dealt with	...	...	...	40
Number of nuisances abated	...	...	...	38
Number of notices served	...	...	...	7
Number of notices complied with	...	...	...	6
Number of nuisances abated without notice	...	...	...	24
Dairies, Cowsheds, and Milkshops	...	...	...	11
Dairies, Cowsheds, and Milkshops (to limewash)	...	...	...	1
Dairies, Cowsheds, and Milkshops (abolished)	...	...	...	1
Workshops, registered	...	...	...	10
Workshops (new registrations)	...	...	...	2
Workshops transferred	...	...	...	1
Scavenging (number of receptacles emptied)	...	...	...	4094
Privies converted to pails	...	...	...	4
Schools visited	...	...	...	2
Total number of Inspections made	...	...	...	100

RUFFORD.

Number of nuisances dealt with	...	...	...	10
Number of nuisances abated	...	...	...	10
Number of notices served	...	...	...	1
Number of notices complied with	...	...	...	1
Number of nuisances abated without notice	...	...	...	7
Dairies, Cowsheds, and Milkshops	...	...	...	3
Dairies, Cowsheds, and Milkshope (new registration)	...	...	...	1
Dairies, Cowsheds, and Milkshops (abolished)	...	...	...	1
Workshops, registered	...	...	...	11

Workshops (limewashing required)	I
Workshops (abolished)	I
Water certificates granted (Public H. W. Act) ...	2
Schools visited	2
Total number of inspections made	52

SCARISBRICK.

Number of nuisances dealt with	6
Number of nuisances abated without notice	6
Dairies, Cowsheds, and Milkshops	4
Dairies, Cowsheds, and Milkshops (limewashing re- quired)	I
Workshops, registered	II
Workshops (to limewash)	I
Water certificates granted (P.H.W.A.)	I
Schools visited	3
Total number of inspections made	44

SIMONSWOOD.

Water certificates granted	I
Registered Workshops	2
Total number of inspections made	5

TARLETON.

Number of nuisances dealt with	43
Number of nuisances abated	4I
Number of notices served	5
Number of notices complied with	5
Number of nuisances abated without notice	28
Dairies, Cowsheds, and Milkshops	5
Dairies, Cowsheds, and Milkshops (limewashing re- quired)	I
Workshops, registered	18
Workshops (new registrations)... ..	2
Workshops (limewashing required)	2

Workshops (transferred)...	...	...	...	...	I
Slaughter-houses, licensed	...	...	...	...	I
Water certificates granted	...	...	...	...	8
Schools visited ... ..	...	...	...	...	2
Total number of inspections made	...	...	...	...	124

We are,

Yours faithfully,

T. G. HUNTER,

JAS. AINSWORTH

TABLE SHOWING THE NUMBER OF MATTERS DEALT WITH BY THE INSPECTORS
OF NUISANCES DURING 1921.

1921.	Nuisances from various causes.	Nuisances Abated.	Inspections made.	Drains tested.	Water Samples.	Houses supplied with Water.	Registered Slaughter-Houses.	Dairies, Cowsheds and Milkshops	Number of Inspections.	Factory and Workshops Act, 1901-1907.	Number of Inspections.	Scavenging, number of receptacles emptied.	Preliminary Notices served.	Complied with.	Statutory Notices served.	Complied with.	Schools Inspected.	Carcases Inspected.	Carcases Condemned.	Prosecutions.
ALTCAR .....	...	72	...	...	...	4	...	...	...	2	5	...	...	...	...	...	1	...	...	1
AUGHTON	88	...	168	1	...	10	3	5	12	13	30	5484	33	27	2	1	2	...	...	...
BICKERSTAFFE	7	7	14	...	1	4	...	1	3	10	21	...	...	...	...	...	1	...	...	...
BISPHAM	3	3	5	...	...	...	...	1	2	7	16	...	1	...	...	...	1	...	...	...
DOWNHOLLAND. ....	...	...	...	...	...	...	...	...	...	3	6	...	...	...	...	...	1	...	...	...
HALSALL	22	17	28	...	...	1	...	9	16	7	14	...	4	3	...	...	1	...	...	...
HESKETH	28	26	32	...	...	6	...	2	5	11	23	...	5	5	...	...	1	...	...	...
LYDIATE	2	2	10	...	1	2	...	1	3	9	18	...	...	...	1	1	2	...	...	...
MAGHULL	12	12	30	...	...	...	2	3	8	13	26	...	4	4	...	...	2	12	...	...
MELLING	33	33	64	...	...	...	...	1	2	4	8	...	7	7	...	...	2	...	...	...
NORTH MEOLS	40	38	54	...	...	...	...	11	24	10	20	4094	7	6	...	...	2	...	...	...
RUFFORD	10	10	14	...	...	2	...	3	8	11	26	...	1	1	...	...	2	...	...	...
SCARISBRICK	6	6	10	...	...	1	...	4	8	11	22	...	...	...	...	...	3	...	...	...
SIMONSWOOD .....	...	...	...	...	...	1	...	...	...	2	4	...	...	...	...	...	...	...	...	...
TARLETON	43	41	55	...	...	8	1	5	10	18	37	...	5	5	...	...	2	...	...	...
TOTAL.....	294	267	484	1	2	39	6	45	101	131	276	9578	67	59	3	2	23	12	...	1

We beg to thank you for favours received during the year,
T. G. H. HUNTER, } Sanitary
JAS. AINSWORTH, } Inspectors.

TABLE SHOWING WORK DONE UNDER THE HOUSING AND TOWN PLANNING ACT, 1909-19.

1921.	Alcarr.	Aughton.	Bickerstaffe.	Bispham.	Downholland.	Halsall.	Hesketh Bank.	Lydiate.	Maghull.	Melling.	North Meols.	Rufford.	Scarisbrick.	Simonswood.	Tarleton.	TOTALS.
Houses Inspected by the Sanitary Inspectors.....	...	123	17	14	...	31	6	2	...	24	2	32	58	...	6	315
Inspections made by the Sanitary Inspectors	12	335	19	16	4	49	36	6	3	27	12	36	97	...	10	762
Houses referred as unfit for human habitation ..	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	1
Number of Houses not in all respects reasonably fit for human habitation..	...	16	...	1	...	16	...	2	...	5	2	6	30	...	2	80
Dwelling houses rendered fit without service of formal notice	10*	22*	..	...	4	4	9*	...	3	...	2	1	6	...	1	62
Dwelling houses being rendered fit without service of formal notice ..	...	7	..	...	...	3	...	2	...	5	...	...	4	...	...	21
Dwelling houses rendered fit under Public Health Act, 1875.....	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Action taken under Sec. 28 Housing and Town Planning Act, 1919 .....	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Closing orders made by Local Authority	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Closing Orders determined after houses were made fit .....	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Dwelling houses demolished .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Houses closed by Owner in lieu of remedying defects	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2

* Included houses recorded last year and completed this year.

